O F F I C E   O F

UTAH
AMBULATORY
SURGERY
DATABASE

1999
PUBLIC-USE DATA FILE
USER MANUAL

Version I
August, 2001

UTAH HEALTH DATA COMMITTEE
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UTAH DEPARTMENT OF HEALTH

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CONTENTS

INTRODUCTION

Utah Health Data Committee

The Utah Health Data Committee, composed of 13 governor-appointed members, was created through the Utah Health Data Authority Act of 1991. The Committee is staffed by the Office of Health Care Statistics, which manages the Utah Ambulatory Surgery Database.

Utah Ambulatory Surgery Database

Administrative Rule R428.11 became effective in March, 1998, mandating that all Utah licensed hospital and freestanding ambulatory surgical facilities shall report information on selected ambulatory surgeries, beginning with January 1, 1996. The database contains the consolidated information on complete billing, medical codes, and personal characteristics describing a patient, the services received, and charges billed for each visit for a selected subset of ambulatory surgical procedures. Fifty-seven Utah ambulatory surgical facilities submitted data in 1999.

Selected Ambulatory Surgeries Reported in Utah

Only the following CPT-4 (Current Procedural Terminology) or ICD-9-CM (International Classification of Diseases, 9th Revision, Clinical Modification) surgical procedure codes are reported, whether or not they are the principal procedure:

TYPES OF SURGICAL SERVICES SUBMITTED
IF PERFORMED IN OPERATING ROOM EQUIPPED FOR ANESTHESIA

DESCRIPTION	CPT-4 CODES	ICD-9-CM PROCEDURE CODES
Mastectomy	19120-19220	85.0-85.99
Musculoskeletal	20000-29909	76.0-84.99
Respiratory	30000-32999	30.0-34.99
Cardiovascular	33010-37799	35.0-39.99
Lymphatic/Hematic	38100-38999	40.0-41.99
Diaphragm	39501-39599	ICD-9 Codes in Respiratory
Digestive System	40490-49999	42.0-54.99
Urinary	50010-53899	55.0-59.99
Male Genital	54000-55899	60.0-64.99
Laparoscopy	56300-56399	ICD-9 Codes in Musculoskeletal, Digestive, & Female Genital
Female Genital	56405-58999	65.0-71.99
Endocrine/Nervous	60000-64999	01.0-07.99
Eye	65091-68889	08.0-16.99
Ear	69000-69979	18.0-20.99
Nose, Mouth, Pharynx	CPT Codes in Musculoskeletal & Respiratory	21.0-29.99

Public-Use Data Files (PDF)

The Ambulatory Surgery Public-Use Data Files are designed to provide general health care information to a wide spectrum of users with minimal controls. A request for a PDF can be approved by the Director of the Health Care Statistics without further review.

Two different public data files are released for 1999 ambulatory surgery data (see page 5 for data elements and file descriptions).

Data Processing and Quality

<u>Data submission</u>: The Health Data Plan provides data element definitions to ensure all hospitals will report similar data. The Office of Health Care Statistics receives discharge data quarterly from ambulatory surgical facilities in various formats and media. The data are converted into a standardized format.

<u>System Edits</u>: The data are validated through a process of automated editing and report verification. Each record is subjected to a series of edits that check for accuracy, consistency, completeness, and conformity with the definitions specified in the Data Submittal Manual. Records failing the edit check are returned to the data supplier for correction or comment.

<u>Facility Reviews</u>: Each facility is provided with a 35-day review periods to validate the compiled data against their facility records. Any inconsistencies discovered by the facilities are reevaluated or corrected.

<u>Missing Values</u>: When dealing with unknown values, it is important to distinguish between *systematic* omission by the facility (e.g., for facilities that were granted reporting exemption for particular data elements or which had coding problems that deemed the entire data from the facility unusable), and *non-systematic* omission (e.g., coding problems, invalid codes, etc.). While systematic omission creates potential bias, non-systematic omission is assumed to occur randomly. The user is advised to examine missing values by facility for each data element to be used. The user is likewise advised to examine the number of observations by facility by quarter to judge if a facility under-reported for a given quarter, which occasionally happens due to data processing problems experienced by a facility.

Patient Confidentiality

The Committee has taken considerable efforts to ensure that no individual patient could be identified from the PDF. Patient age and payers are grouped. Utah residential zip codes with less than 30 visits in a calendar year are grouped into county abbreviations, and outside Utah zip codes with less than 30 visits are grouped in state abbreviations.

Agreement to Protect Patient Confidentiality

The data collected by the Utah Health Data Committee may be used only for the purpose of health statistical reporting and analysis or as specified in the user's written request for the data; any effort to determine the identity of any reported cases is prohibited. No one will attempt to link this data set with individually identifiable records from any other data sets.

Notes on the 1999 Ambulatory Surgery Data

This is the fourth year of statewide reporting of ambulatory surgery data in the state of Utah. Data suppliers' information systems vary considerably, as so data formats. Facility-to-facility comparisons are not encouraged for the first three years of data. Comparing hospital-based to freestanding surgery center facilities will be especially challenging due to the differences in billing practice and general operations. Coding practices and formats will evolve over time as the data suppliers adapt to this new statewide reporting requirement.

The data are collected from two types of facilities: hospital-based ambulatory surgery centers and freestanding ambulatory surgery centers. These facilities varied in their reporting of procedure codes in 1999. Most hospital-based surgery centers tended to report ICD9 procedure codes only or both ICD9 and CPT4, while the freestanding ambulatory surgery centers tended to report CPT4 procedure codes only or both ICD9 and CPT4. There is no effective "crosswalk" tool to translate or compare these two procedure coding methods. Therefore, the user will have to be careful in how these data are used. Administrative Rule R428-11 was revised to require reporting of both ICD9 and CPT4 procedure codes starting with the surgeries performed in 1998. In 1998, facilities were asked to resubmit the data in order to have both the ICD9 and CPT codes on the records but not all facilities were able to do so.

The data include a variable which indicates whether each data record contains only ICD9 codes, only CPT4 codes, or both. The data analyst will find it helpful to compute a crosstabulation table of facility by this variable (Provider Identifier by Procedure Code Type).

For procedure codes, there is no CPT code that can be used as a PRIMARY procedure code unless it is the only CPT code in a record or if all CPT codes reported on a single record are the same.

Data Format

Standard format for the public data file is zipped in ASCII code, on a CD-Rom. The information is also available on CD-ROM. Requests for other formats, such as a SAS dataset, will be considered.

Citation

Any statistical reporting or analysis based on the data shall cite the source as the following:

> *Utah Ambulatory Surgical Data File (1999)*. Utah Health Data Committee/Office of Health Care Statistics. Utah Department of Health. Salt Lake City, Utah. 1999.

Redistribution:

User shall not redistribute the Utah Ambulatory Surgical Data File in its original format. User shall not redistribute any data products derived from the file without written permission from the Office of Health Care Statistics, Utah Department of Health.

File Layout

RECORD LAYOUT OF PUBLIC USE DATA FILE I (99.1)

	DATA ELEMENT	TYPE*	WIDTH	POSITION** From To	EXAMPLE VALUES	Pg
1	Provider identifier (hospital)	Char	3	1 - 3	101, 102, ...	9
2	Patient's age (in categories)	Num	3	4 - 6	0,1,...,21	11
3	Patient's gender	Char	1	7 - 7	M,F	12
4	Source of admission	Char	1	8 - 8	1,2,...	12
5	Patient's discharge status	Char	2	9 - 10	01,02,...	13
6	Patient's postal zip code	Char	5	11 - 15	84000, AZ	13
7	Patient's residential county	Num	3	16 - 18	1,2,...	16
8	Patient cross-county migration	Char	1	19 - 19	Y,N	18
9	< blank >		1	20 - 20		
10	Principal diagnosis code	Char	5	21 - 25	8180,81513	18
11	Secondary diagnosis code 1	Char	5	26 - 30	8180,81513	18
12	Secondary diagnosis code 2	Char	5	31 - 35	8180,81513	18
13	Secondary diagnosis code 3	Char	5	36 - 40	8180,81513	18
14	Secondary diagnosis code 4	Char	5	41 - 45	8180,81513	18
15	Procedure 1 as CPT	Char	9	46 - 54	56399, 38100	19
16	Procedure 2 as CPT	Char	9	55 - 63	56399, 38100	19
17	Procedure 3 as CPT	Char	9	64 - 72	56399, 38100	19
18	Procedure code type	Num	3	73 - 75	0,1,2	19
19	Total charge	Num	10	76 - 85	498.68	20
20	Primary payer category	Char	2	86 - 87	01,02,...	20
21	Secondary payer category	Char	2	88 - 89	01,02,...	20
22	Tertiary payer category	Char	2	90 - 91	01,02,...	20
23	< blank >		3	92 - 94		
24	Discharge quarter	Char	1	95 - 95	1,2,3,4	20
25	Record ID number	Num	10	96 - 105	99000010	20
26	Secondary diagnosis code 5	Char	5	106 - 110	8180,81513	18
27	Secondary diagnosis code 6	Char	5	111 - 115	8180,81513	18
28	Secondary diagnosis code 7	Char	5	116 - 120	8180,81513	18
29	Secondary diagnosis code 8	Char	5	121 - 125	8180,81513	18
30	Procedure 4 as CPT	Char	9	126 - 134	56399, 38100	19
31	Procedure 5 as CPT	Char	9	135 - 143	56399, 38100	19
32	Procedure 6 as CPT	Char	9	144 - 152	56399, 38100	19
33	1st procedure category	Num	2	153 - 154	0,1,2,...	21
34	2nd procedure category	Num	2	155 - 156	0,1,2,...	21
35	3rd procedure category	Num	2	157 - 158	0,1,2,...	21
36	4th procedure category	Num	2	159 - 160	0,1,2,...	21
37	5th procedure category	Num	2	161 - 162	0,1,2,...	21
38	6th procedure category	Num	2	163 - 164	0,1,2,...	21
39	Procedure 1 as ICD9	Char	4	165 - 168	480,9711	19
40	Procedure 2 as ICD9	Char	4	169 - 172	480,9711	19
41	Procedure 3 as ICD9	Char	4	173 - 176	480,9711	19
42	Procedure 4 as ICD9	Char	4	177 - 180	480,9711	19
43	Procedure 5 as ICD9	Char	4	181 - 184	480,9711	19
44	Procedure 6 as ICD9	Char	4	185 - 188	480,9711	19

*Variable Type (if data requested as SAS dataset): Char=Character, Num=Numeric
**Column position (if data requested as ASCII file)

RECORD LAYOUT OF PUBLIC USE DATA FILE III (99.3)

	DATA ELEMENT	TYPE*	WIDTH	POSITION** From	To	EXAMPLE VALUES	Pg
1	Provider identifier (hospital)	Char	3	1 -	3	101, 102, ...	9
2	Patient's age (in categories)	Num	3	4 -	6	0,1,...,21	11
3	Patient's gender	Char	1	7 -	7	M,F	12
4	Patient's discharge status	Char	2	8 -	9	01,02,...	13
5	Patient's residential county	Num	3	10 -	12	1,2,...	16
6	Principal diagnosis code	Char	5	13 -	17	8180,81513	18
7	Procedure 1 as CPT	Char	9	18 -	26	56399,38100	19
8	Procedure 2 as CPT	Char	9	27 -	35	56399,38100	19
9	Procedure 3 as CPT	Char	9	36 -	44	56399,38100	19
10	Procedure code type	Num	3	45 -	47	0,1,2	19
11	Total charge	Num	10	48 -	57	498.68	20
12	Primary payer category	Char	2	58 -	59	01,02,...	20
13	Record ID number	Num	10	60 -	69	99000010	20
14	1st procedure category	Num	2	70 -	71	0,1,2,...	21
15	2nd procedure category	Num	2	72 -	73	0,1,2,...	21
16	3rd procedure category	Num	2	74 -	75	0,1,2,...	21
17	Procedure 1 as ICD9	Char	4	76 -	79	480,9711	19
18	Procedure 2 as ICD9	Char	4	80 -	83	480,9711	19
19	Procedure 3 as ICD9	Char	4	84 -	87	480,9711	19

*Variable Type (if data requested as SAS dataset): Char=Character, Num=Numeric
**Column position (if data requested as ASCII file)

DESCRIPTION OF DATA ELEMENTS

Provider Identifier (see Appendix A for alphabetized facility characteristics)

Facility from which patient was discharged (facility name in 1999)

       101 = BEAVER VALLEY HOSPITAL
       102 = MILFORD VALLEY MEMORIAL HOSPITAL
       103 = BRIGHAM CITY COMMUNITY HOSPITAL
       104 = BEAR RIVER VALLEY HOSPITAL
       105 = LOGAN REGIONAL HOSPITAL
       106 = CASTLEVIEW HOSPITAL
       107 = LAKEVIEW HOSPITAL
       108 = DAVIS HOSPITAL & MEDICAL CENTER
       109 = UINTAH BASIN MEDICAL CENTER
       110 = GARFIELD MEMORIAL HOSPITAL AND CLINICS
       111 = ALLEN MEMORIAL HOSPITAL
       112 = VALLEY VIEW MEDICAL CENTER
       113 = CENTRAL VALLEY MEDICAL CENTER
       114 = KANE COUNTY HOSPITAL
       115 = FILLMORE COMMUNITY MEDICAL CENTER
       116 = DELTA COMMUNITY MEDICAL CENTER
       117 = JORDAN VALLEY HOSPITAL
       118 = ALTA VIEW HOSPITAL
       119 = COTTONWOOD HOSPITAL MEDICAL CENTER
       120 = SALT LAKE REGIONAL MEDICAL CENTER
       121 = LDS HOSPITAL
       122 = PRIMARY CHILDREN'S MEDICAL CENTER
       124 = ST. MARK'S HOSPITAL
       125 = UNIVERSITY OF UTAH HOSPITALS & CLINICS
       126 = PIONEER VALLEY HOSPITAL
       128 = SAN JUAN COUNTY HOSPITAL
       129 = GUNNISON VALLEY HOSPITAL
       130 = SANPETE VALLEY HOSPITAL
       132 = SEVIER VALLEY HOSPITAL
       133 = TOOELE VALLEY REGIONAL MEDICAL CENTER
       134 = ASHLEY VALLEY MEDICAL CENTER
       135 = OREM COMMUNITY HOSPITAL
       136 = AMERICAN FORK HOSPITAL
       137 = MOUNTAIN VIEW HOSPITAL
       138 = UTAH VALLEY REGIONAL MEDICAL CENTER
       139 = WASATCH COUNTY HOSPITAL (through Oct 99)
         = HEBER VALLEY MEDICAL CENTER (beginning Nov 99)
             same hospital–moved into new building in same city and changed its name
       140 = DIXIE REGIONAL MEDICAL CENTER
       141 = MCKAY-DEE HOSPITAL CENTER
       142 = OGDEN REGIONAL MEDICAL CENTER
       144 = TIMPANOGOS REGIONAL HOSPITAL
       307 = THE ORTHOPEDIC SPECIALTY HOSPITAL
       401 = CENTRAL UTAH SURGICAL CENTER

403 = INTERMOUNTAIN SURGICAL CENTER
404 = MCKAY-DEE SURGICAL CENTER
405 = PROVO SURGICAL CENTER
406 = SALT LAKE ENDOSCOPY CENTER
407 = HEALTHSOUTH SALT LAKE SURGICAL CENTER
408 = ST. GEORGE SURGICAL CENTER
409 = ST. MARK'S OUTPATIENT SURGICAL CENTER
410 = SURGICARE CENTER OF UTAH
      2nd floor (surgical floor) of The Eye Institute of Utah
411 = WASATCH ENDOSCOPY CENTER
412 = WASATCH SURGERY CENTER
413 = WESTERN MEDICAL SURGICAL CENTER
      Beginning 4th quarter 2000, is the west wing of Cache Valley Specialty Hospital
414 = MOUNT OGDEN SURGICAL CENTER
415 = DAVIS SURGICAL CENTER
416 = JOHN MORAN EYE CENTER
417 = SOUTH TOWNE SURGICAL CENTER

Patient's Age (as of last birthday) at the Date of Discharge

```
 0 =   1 -  28 days
 1 = 29 -365 days
 2 =   1 -   4 years
 3 =   5 -   9
 4 = 10 -  14
 5 = 15 -  17
 6 = 18 -  19
 7 = 20 -  24
 8 = 25 -  29
 9 = 30 -  34
10 = 35 -  39
11 = 40 -  44
12 = 45 -  49
13 = 50 -  54
14 = 55 -  59
15 = 60 -  64
16 = 65 -  69
17 = 70 -  74
18 = 75 -  79
19 = 80 -  84
20 = 85 -  89
21 = 90 +
99 = Unknown
blank  = Not reported
```

Patient's Gender

        M = Male
        F = Female
        U = Unknown
     Blank = Not reported

Source of Admission

1 = Physician Referral
    The patient was admitted to this facility upon the recommendation of his or her personal physician. (See code 3 if the physician has an HMO affiliation.)

2 = Clinic Referral
    The patient was admitted to this facility upon recommendation of this facility's clinic physician.

3 = HMO referral
    The patient was admitted to this facility upon the recommendation of a health maintenance organization (HMO) physician.

4 = Transfer from a hospital
    The patient was admitted to this facility as a transfer from an acute care facility where he or she was an inpatient.

5 = Transfer from a skilled nursing facility
    The patient was admitted to this facility as a transfer from a skilled nursing facility where he or she was an inpatient.

6 = Transfer from another health care facility
    The patient was admitted to this facility as a transfer from a health care facility other than an acute care facility or skilled nursing facility.

7 = Emergency Department
    The patient was admitted to this facility upon the recommendation of this facility's Emergency Department physician.

8 = Court/Law enforcement
    The patient was admitted to this facility upon the direction of a court of law, or upon the request of a law enforcement agency representative.

9 = Information not available
    The means by which the patient was admitted to this hospital is not known.

Blank = Not reported

Patient's Discharge Status

01 = Discharge to home or self care, routine discharge
02 = Discharge/transferred to another short-term general hospital
03 = Discharge/transferred to skilled nursing facility
04 = Discharge/transferred to an intermediate care facility
05 = Discharged/transferred to another type of institution
06 = Discharge/transferred to home under care of organized home health service organization
07 = Left against medical advice
08 = Discharged/transferred to home under care of a home IV provider
20 = Expired
40 = Expired at home
41 = Expired in a medial facility; i.e. hospital, skilled nursing facility, intermediate care facility, or free standing hospice
42 = Expired - place unknown
09 = Unknown
Blank = Not reported

Patient's Residential Postal Zip Code

84000-84799 = Zip codes in Utah
-4444=Homeless (word homeless or homeless code of ZZZZZ given as address)
-5555=Unknown Utah (Unknown/invalid zip code with Utah address)
(Note: If the city is present in the address but the zip code is not, the zip code variable is coded as -5555 while the county variable is coded with the actual county identifier)
-8888=Unknown (completely missing address information)
-9999=Outside U.S.A. (foreign address)

Helpful Hint: A quick way to identify the city associated with a zip code is to use the United States Postal Service website:
http://www.usps.gov/ncsc/lookups/lookup_ctystzip.html

If less than 30 encounters occurred for a Utah zip code area, this zip code was mapped into the county code:

Beave = Beaver
BoxEl = Box Elder
Cache = Cache
Carbo = Carbon
Dagge = Daggett
Davis   = Davis
Duche = Duchesne
Emery = Emery
Garfi   = Garfield
Iron   = Iron
Milla   = Millard

Morga = Morgan
MulCo = Multi-county (no longer used)
Piute = Piute
Rich   = Rich
SaltL = Salt Lake
SanJu = San Juan
Sanpe = Sanpete
Sevie = Sevier
Summi = Summit
Tooel = Tooele
Uinta = Uintah
Washi = Washington
Wayne = Wayne
Weber = Weber

If less than 30 encounters occurred for a non-Utah zip code area, this zip code was mapped into the state code:

AL = ALABAMA
AK = ALASKA
AZ = ARIZONA
AR = ARKANSAS
CA = CALIFORNIA
CO = COLORADO
CT = CONNECTICUT
DE = DELAWARE
DC = DISTRICT OF COLUMBIA
FL = FLORIDA
GA = GEORGIA
HI = HAWAII
ID = IDAHO
IL = ILLINOIS
IN = INDIANA
IA = IOWA
KS = KANSAS
KY = KENTUCKY
LA = LOUISIANA
ME = MAINE
MD = MARYLAND
MA = MASSACHUSETTS
MI = MICHIGAN
MN = MINNESOTA
MS = MISSISSIPPI
MO = MISSOURI
MT = MONTANA
NE = NEBRASKA
NV = NEVADA
NH = NEW HAMPSHIRE
NJ = NEW JERSEY
NM = NEW MEXICO

NY = NEW YORK
NC = NORTH CAROLINA
ND = NORTH DAKOTA
OH = OHIO
OK = OKLAHOMA
OR = OREGON
PA = PENNSYLVANIA
RI = RHODE ISLAND
SC = SOUTH CAROLINA
SD = SOUTH DAKOTA
TN = TENNESSEE
TX = TEXAS
UT = UTAH
VT = VERMONT
VA = VIRGINIA
WA = WASHINGTON
WV = WEST VIRGINIA
WI = WISCONSIN
WY = WYOMING
PR = PUERTO RICO
GU = GUAM

Patient's Residential County

1= Box Elder
2= Cache
3= Rich
4= Morgan
5= Weber
6= Davis
7= Salt Lake
8= Summit
9= Tooele
10= Utah
11= Wasatch
12= Daggett
13= Duchesne
14= Uintah
15= Juab
16= Millard
18= Sanpete
17= Piute
19= Sevier
20= Wayne
21= Carbon
22= Emery
23= Grand
24= San Juan
25= Beaver
26= Garfield
27= Iron
28= Kane
29= Washington
30= Multi-County (used in earlier versions of dataset--the category has been eliminated)
44= Homeless (word "homeless" or homeless code of ZZZZZ given as address)
55= Unknown Utah (unknown city & zip but "Utah" or in address or invalid zip code
        beginning with 84)
77= Outside Utah (but in U.S.A.)
88= Unknown (completely missing address information)
99= Outside U.S.A. (foreign address)

Suggested Division of Local Areas

The data analyst might find one of the following three grouping schemes useful for combining data according to patient county of residence:

Definition	County Code (see above)
1. Urban vs. Rural	
Urban Areas	5,6,7,10
Rural Areas	1-4, 8-9, 11-29
Exclude from analysis	30,44,55,77,88,99
2. Wasatch Front Area	
Yes	5,6,7,10
No	30,44,55,77,88,99
Exclude from analysis	
3. Local Health Districts	
Bear River	1-3
Weber-Morgan	4-5
Davis County	6
Salt Lake County	7
Summit County	8
Tooele County	9
Utah County	10
Wasatch County	11
Uintah Basin (TriCounty)	12-14
Central Utah	15-20
Southeastern Utah	21-24
Southwest Utah	25-29

Patient's Cross-County Migration Status

hospital in different county than patient residence

Y = Yes (includes out-of-state, foreign, homeless, out-of-county)
N = No (from same county)
U = Unknown (includes unknown and unknown but Utah residence)

Patient's Marital Status

S = Single
M = Married
X = Legally Separated
D = Divorced
W = Widowed
U = Unknown
Blank = Not reported

Principal Diagnosis Code

The first four digits of ICD-9-CM code. Refer to *International Classification of Diseases (9th Revision): Clinical Modification* for description.

There is an "implied" decimal point between the 3rd and 4th digit (decimal point is part of ICD-9-CM code but has been stripped out of data).

Blank = Not reported

ICD-9-CM E-Codes and V-Codes might also be found in this field.

The ICD-9-CM diagnosis codes, as well as the E-Codes and V-Codes can be looked up on the Internet at Yaki Technologies' Website **www.eicd.com/eicdmain.htm** .

Secondary Diagnosis Code 1 ... Secondary Diagnosis Code 8

Definition is the same as Principal Diagnosis Code.

Procedure Code Type

> 0 = ICD-9-CM codes only were reported by the hospital
> 1 = CPT-4 codes only were reported by the hospital
> 2 = Both ICD-9-CM and CPT-4 codes were reported by the hospital

Procedure Code 1 as CPT

The five digits of CPT-4 code, followed by optional numeric or character qualifiers. Refer to *Physicians Procedure Current Terminology* for description.

Blank = Not reported

Procedure Code 2 as CPT ... Procedure Code 6 as CPT
Definition same as Procedure Code 1 as CPT.

Procedure Code 1 as ICD9

The four digits of ICD-9-CM code. Refer to *International Classification of Diseases (9th Revision): Clinical Modification* for description.

There is an "implied" decimal point between the 2nd and 3rd digit (decimal point is part of ICD-9-CM code but has been stripped out of data).

Blank = Not reported

Procedure Code 2 as ICD9 ... Procedure Code 6 as ICD9

Definition same as Procedure Code 1 as ICD9.

Total Charge

Total dollars and cents amount charged for the visit (with 2 decimal digits).

blank = Not Reported

Primary Payer Category

01 = Medicare
02 = Medicaid
03 = Other government
04 = Blue Cross/Blue Shield
05 = Other commercial (not BC/BS)
06 = Managed care
07 = Self pay
08 = Industrial and worker's compensation
09 = Charity/Unclassified
10 = Unknown
13 = CHIP (Children's Health Insurance Plan)
Blank = Not reported

Secondary Payer Category, Tertiary Payer Category

Descriptions are the same as primary payer category.

Discharge Quarter

1 = First Quarter   (January 1 to March 31)
2 = Second Quarter   (April 1 to June 30)
3 = Third Quarter   (July 1 to September 30)
4 = Fourth Quarter   (October 1 to December 31)

Record ID Number

A unique number for each visit, which is also unique across all years that ambulatory
surgery data are available.

First Procedure Category

Broad category for first procedure.

These categories match the required ambulatory surgical procedure reporting categories, based on procedure code ranges (see page 1). These categories are very
broad, and so they may not produce a meaningful summary of the data for many analytic purposes.

0 = No match for Procedure Category
1 = Musculosketal
2 = Respiratory
3 = Cardiovascular
4 = Lymphatic/Hematic
5 = Diaphragm
6 = Digestive System
7 = Urinary
8 = Male Genital
9 = Laparposcopy
10= Female Genital
11= Endocrine/Nervous
12= Eye
13= Ear
14= Nose, Mouth, Pharynx
15= Mastectomy

Second Procedure Category ... Sixth Procedure Category

Broad category for 2nd through 6th procedures.

Categories are same as first procedure category shown above.

APPENDIX A

UTAH HOSPITALS WITH AMBULATORY SURGICAL FACILITIES AND FREESTANDING AMBULATORY SURGICAL CENTERS PROFILE

FACILITY CHARACTERISTICS: 1999

ID[1]	FACILITY NAME	OWN[2]	AFFILIATION	COUNTY	CITY	U/R[3]	TEACH[4]	BEDS
111	Allen Memorial Hospital	G	Rural Health Mgmt	Grand	Moab	R	N	38
118	Alta View Hospital	N	IHC, Inc.	Salt Lake	Sandy	U	N	70
136	American Fork Hospital	N	IHC, Inc.	Utah	American Fork	U	N	72
134	Ashley Valley Medical Center	I	LifePoint Hospitals, Inc.	Uintah	Vernal	R	N	39
104	Bear River Valley Hospital	N	IHC, Inc.	Box Elder	Tremonton	R	N	20
101	Beaver Valley Hospital	G	Freestanding	Beaver	Beaver	R	N	36
103	Brigham City Community Hospital	I	MountainStar	Box Elder	Brigham City	R	N	49
106	Castleview Hospital	I	LifePoint Hospitals, Inc.	Carbon	Price	R	N	84
401	Central Utah Surgical Center			Utah	Provo	U	N	5
113	Central Valley Medical Center	N	Rural Health Mgmt	Juab	Nephi	R	N	31
119	Cottonwood Hospital Medical	N	IHC, Inc.	Salt Lake	Murray	U	N	213
415	Davis Surgical Center			Davis	Layton	U	N	4
108	Davis Hospital & Medical Center	I	Paracelsus Health Care	Davis	Layton	U	N	126
116	Delta Community Medical Center	N	IHC, Inc.	Millard	Delta	R	N	20
140	Dixie Regional Medical Center	N	IHC, Inc.	Washington	St. George	R	N	137
115	Fillmore Community Medical	N	IHC, Inc	Millard	Fillmore	R	N	20
110	Garfield Memorial Hospital	N	IHC, Inc.	Garfield	Panguitch	R	N	44
129	Gunnison Valley Hospital	G	Rural Health Mgmt	Sanpete	Gunnison	R	N	21
407	HEALTHSOUTH Salt Lake Surg			Salt Lake	Salt Lake City	U		8

ID[1]	FACILITY NAME	OWN[2]	AFFILIATION	COUNTY	CITY	U/R[3]	TEACH[4]	BEDS
403	Intermountain Surgical Center			Salt Lake	Salt Lake City	U	N	4
416	John Moran Eye Center			Salt Lake	Salt Lake City	U		10
117	Jordan Valley Hospital	I	Paracelsus Health	Salt Lake	West Jordan	U	N	50
114	Kane County Hospital	G	Freestanding	Kane	Kanab	R	N	38
107	Lakeview Hospital	I	MountainStar	Davis	Bountiful	U	N	128
121	LDS Hospital	N	IHC, Inc.	Salt Lake	Salt Lake City	U	Y	520
105	Logan Regional Hospital	N	IHC, Inc.	Cache	Logan	R	N	148
141	McKay-Dee Hospital Center	N	IHC, Inc.	Weber	Ogden	U	Y	428
404	McKay-Dee Surgical Center	N	IHC, Inc.	Weber	Ogden	U		6
102	Milford Valley Memorial Hospital	G	Rural Health Mgmt	Beaver	Milford	R	N	34
414	Mount Ogden Surgical Center			Weber	Ogden	U		2
137	Mountain View Hospital	I	MountainStar	Utah	Payson	U	N	126
142	Ogden Regional Medical Center	I	MountainStar	Weber	Ogden	U	N	227
135	Orem Community Hospital	N	IHC, Inc.	Utah	Orem	U	N	20
307	Orthopedic Specialty Hospital			Salt Lake	Salt Lake City	U	N	14
126	Pioneer Valley Hospital	I	Paracelsus Health	Salt Lake	West Valley	U	Y	139
122	Primary Children's Medical Center	N	IHC, Inc.	Salt Lake	Salt Lake City	U	N	232
405	Provo Surgical Center			Utah	Provo	U		5
408	St. George Surgical Center			Washington	St. George	R	N	4
ID[1]	FACILITY NAME	OWN[2]	AFFILIATION	COUNTY	CITY	U/R[3]	TEACH[4]	BEDS
406	Salt Lake Endoscopy Center			Salt Lake	Salt Lake City	U		2

120	Salt Lake Regional Medical Center	I	Paracelsus Health	Salt Lake	Salt Lake City	U	Y	200
128	San Juan County Hospital	G	Managed	San Juan	Monticello	R	N	36
130	Sanpete Valley Hospital	N	IHC, Inc.	Sanpete	Mt. Pleasant	R	N	20
132	Sevier Valley Hospital	N	IHC, Inc.	Sevier	Richfield	R	N	42
417	South Towne Surgery Center			Salt Lake	Sandy	U	N	4
124	St. Mark's Hospital	I	MountainStar	Salt Lake	Salt Lake City	U	Y	276
409	St. Mark's Outpatient Surgical Cntr			Salt Lake	Salt Lake City	U		4
410	SurgiCare Center of Utah			Salt Lake	Salt Lake City	U		4
144	Timpanogos Regional Hospital	I	MountainStar	Utah	Orem	U	N	47
133	Tooele Valley Regional Med Center	G	Rural Health Mgmt	Tooele	Tooele	R	N	38
109	Uintah Basin Medical Center	G	Freestanding	Duchesne	Roosevelt	R	N	42
125	University of Utah Hospital	G	Freestanding	Salt Lake	Salt Lake City	U	Y	425
138	Utah Valley Regional Medical	N	IHC, Inc.	Utah	Provo	U	N	395
112	Valley View Medical Center	N	IHC, Inc.	Iron	Cedar City	R	N	48
139	Wasatch County Hospital	N	IHC, Inc.	Wasatch	Heber	R	N	40
411	Wasatch Endoscopy Center			Salt Lake	Salt Lake City	U		2
412	Wasatch Surgery Center			Salt Lake	Salt Lake City	U		2
413	Western Medical Surgical Center			Weber	North Logan	R		8

[1]Facility ID number. See page 9 for facility list in numerical order.
[2]Owner category: G=Government, N=Not for Profit, I=Investor-Owned.
[3]Urban or Rural location of facility.
[4]Teaching facility (Yes or No).

Note: The facilities with addresses, phone numbers, and number of beds in the above list, can be obtained as a "cut and paste" document from the website http://hlunix.hl.state.ut.us/hda/usersupport.htm and click on "List of data providers".

An alternative source for a list of Utah hospitals and ambulatory surgery centers is the Utah Department of Health Website, http://hlunix.state.ut.us and click on "**Licensing and Certifying**".

26